5   **A DISTRIBUTED OBJECT-ORIENTED GEOSPATIAL INFORMATION
       DISTRIBUTION SYSTEM AND METHOD THEREOF**

ABSTRACT OF THE DISCLOSURE

A distributed object-oriented geospatial database system and method thereof over the

10   Internet using Web-based technology to perform data-driven queries, such as retrieving,

viewing and updating, geospatial data of the object oriented geospatial database, such as

vector, raster, hypertext and multimedia data, including data types or formats of ESRI shape

files, GSF, oceanographic ASCII text data by NAVOCEANO and geospatial data with

temporal information and supporting 3D display of the geospatial data. The object-oriented

15   geospatial database system is implemented in a heterogeneous object-oriented development and

integration environment through the Common Object Request Broker Architecture (CORBA).